

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER I-10-038

Relating to Independent Contractor Approval under
California Code of Regulations, Title 17, Section 91207

Broadbent & Associates, Incorporated

WHEREAS, the Air Resources Board (ARB), pursuant to California Health and Safety Code section 41512, has established the procedures contained in California Code of Regulations, title 17, sections 91200-91220, to allow the use of independent testers for compliance tests required by ARB;

WHEREAS, it has been determined that Broadbent & Associates, Incorporated meets the requirements of ARB for conducting ARB Test Methods 1, 2, 3, 4, 5, 17, and 100 (CO, CO₂, NO_x, O₂, SO₂, THC), and United States Environmental Protection Agency (U.S. EPA) Test Method 201A pursuant to California Code of Regulations, title 17, sections 91200-91220 when the following conditions are met:

1. Broadbent & Associates, Incorporated permanently marks or engraves an identification number on the body of each of its pitot tubes;
2. Broadbent & Associates, Incorporated calibrates its differential pressure gauges after each test series in accordance with section 2.2 of ARB Test Method 2 and establishes and maintains a log of the calibrations;
3. Broadbent & Associates, Incorporated calibrates its temperature gauges in accordance with section 4.3 of ARB Test Method 2 and establishes and maintains a log of the calibrations;
4. Broadbent & Associates, Incorporated permanently and uniquely identifies its isokinetic nozzles;
5. Broadbent & Associates, Incorporated acquires and uses a micrometer to calibrate its probe nozzles used for isokinetic testing;
6. Broadbent & Associates, Incorporated calibrates its metering system as required by section 5.3 of ARB Test Method 5, and establishes and maintains a log of the calibrations;
7. Broadbent & Associates, Incorporated characterizes the hydrocarbon species, as necessary, prior to the source test to determine that the detector will respond predictably to the organic compounds present;
8. Broadbent & Associates, Incorporated evaluates its gas dilution system at the test site with an analyzer or monitor chosen by the source owner or operator as required by U. S. EPA Test Method 205; and

WHEREAS, ARB's Executive Officer, pursuant to California Health and Safety Code section 39516, issued Executive Order G-02-008, delegating to the Chief of ARB's Monitoring and Laboratory Division the authority to approve independent testers in accordance with California Code of Regulations, title 17, sections 91200-91220.

NOW, THEREFORE, I, Alberto Ayala, Chief of ARB's Monitoring and Laboratory Division, order that Broadbent & Associates, Incorporated is granted an approval, from the date of execution of this order until June 30, 2012, to conduct the tests listed above, subject to compliance with California Code of Regulations, title 17, sections 91200-91220.

BE IT FURTHER ORDERED that during the approved period the Executive Officer or his authorized representative may field audit one or more tests conducted pursuant to this order for each type of testing listed above.

Executed at Sacramento, California this 11th day of October 2010.

Original signed by

Alberto Ayala, Ph.D., M.S.E.
Chief, Monitoring and Laboratory Division